



Assistance and support from technical support organization in radiation monitoring of scrap metal shipments

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Institute of Public Health Skopje, Republic of Macedonia

Independent organisation that was set up by the government to protect the public from threats to their health from infectious diseases workplace and environmental hazards.

It does this by:

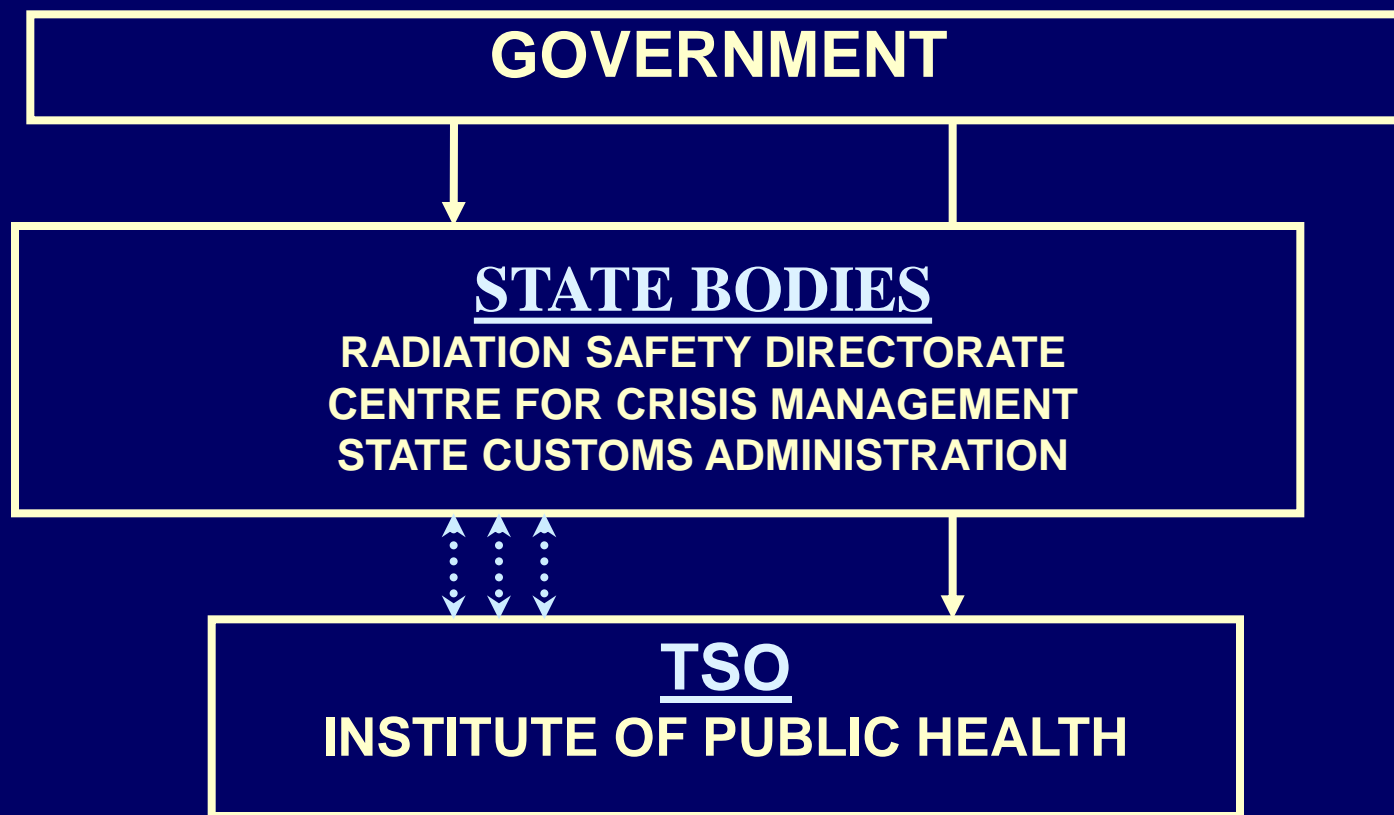
providing laboratory services, advice and information to the general public, to professionals and to national and local government.

The Institute identifies and responds to health hazards and emergencies caused by infectious disease, hazardous chemicals, poisons or radiation.



Republic of Macedonia

Regulatory Infrastructure - Radiation Protection





Institute of Public Health Skopje, Republic of Macedonia

Responsibilities based on the national regulations, as a TSO to regulatory body:

- Occupational exposure monitoring programme
- State environmental monitoring programme
- Orphan radiation sources searches
- Radiation surveillance in case of emergencies
- RP Training

Technical services

- Personal dosimetry
- Workplace monitoring
- Calibration services
- Medical surveillance
- Analytical services
- Training
- Orphan sources searches
- Training



Initiative at the national level for radiation monitoring of metal scrap shipments

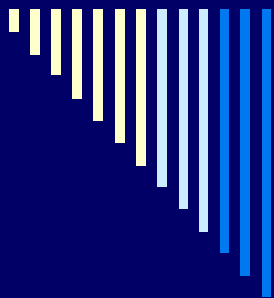
From 1998 – 2000

several cases of melting orphan sources from radioactive lightening conductors

In 2000

Order by the Ministry of Environment for

- radiation detection of imported scrap metal shipments at the border check points
- radiation detection of domestic metal scrap at the entrance of melting factory and
- certificate of the level of radioactive contamination of imported scrap and for final steel products, issued by Institute of Public Health



Initiative at the national level for radiation monitoring of metal scrap shipments

Institute of Public Health :

Rises awareness of the hazards (health, environmental, security ..) associated with radioactive sources in the scrap

Gives expert advisory services to the Governmental bodies for the need of developing a broader program for prevention of illicit trafficking of radioactive materials and non-proliferation of weapons of mass destruction (WMD), and counter-terrorist activities

Working together with major melting factory in the designing and participating the radiation monitoring program from the entrance of the factory to the final product and selection of the gate monitoring systems



Initiative at the national level for radiation monitoring of metal scrap shipments – IPH

IPH- the special task team

is available 24 hours a day for radiation monitoring, consultancy, detection

- performs radiation monitoring of the imported scrap metal shipment
- In cases of found radioactive source, assesses the risk and gives advice for the safe transport
- Training of border control officers

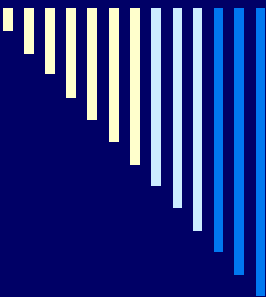


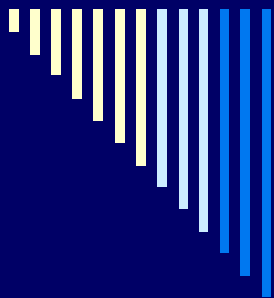


Initiative at the national level for radiation monitoring of metal scrap shipments – Integrated Border Management

Adequate arrangements are made for the notification, reporting and information exchange between

RSD,
Customs department,
Institute of Public Health,
Law enforcement agencies and
Emergency service organizations in cases of detected radioactive material in scrap metal shipment



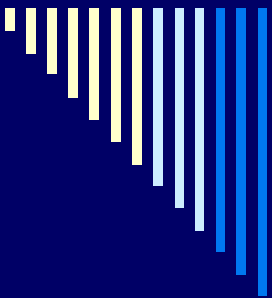


Initiative at the national level for radiation monitoring of metal scrap shipments – Integrated Border Management

In cases of found radioactive material by customs officers, border police or Institute of Public Health,

this information is promptly reported to RSD and to the Information System of IBM

Integrated Border Management (IBM) - Information System for information exchange between state bodies that have border management competences.



Thank you